

**ABSTRACT OF THE DISCLOSURE**

A method and system for handling mobile database overflow. First, the VLR determines whether its database is full when a first mobile user sends a registration request to the VLR. The VLR selects a second mobile user as an overflow user and translates the location information thereof into a second location code if the database of the VLR is full. Next, the registration request and the second location code are transferred to an HLR and the value of a first location code of the first mobile user is reset as the predetermined value. Finally, user data of the second mobile user is deleted and user data of the first mobile user is temporarily stored in the VLR.